



U.S.S. PRAIRIE

DESTROYER TENDER NO. 15

BOOKLET or GENERAL PLANS

PREPARED BY THE NEW YORK SHIPBUILDING CORP.

CORRECTED TO SUIT SHIP

PLACE	DATE	CONSTRUCTION OFFICER
PHILADELPHIA NAVY YARD	NOVEMBER 7, 1940	<i>H. J. Hemeny</i>
PHILADELPHIA NAVY YARD	MARCH 1941	<i>C. J. Palmer</i>
BOSTON NAVY YARD	OCTOBER 6, 1942	<i>W. Parker</i>
BOSTON NAVY YARD	OCTOBER 21, 1943	<i>W. Parker Jr.</i>
PUGET SOUND NAVAL SHIPYARD	NOVEMBER 1949	<i>J. J. S. S. S.</i>
SAN FRANCISCO NAVAL SHIPYD. ^{TOP} _{LS}	AUG. 16, 1950	<i>H. J. Hemeny</i>
SAN FRANCISCO NAVAL SHIPYARD BY WEST COAST ENG. COMPANY	12 Jan. 1953	<i>J. H. Wallingford</i>
SAN FRANCISCO NAVAL SHIPYARD BY WEST COAST ENG. COMPANY	27 DEC. 1955	<i>E. G. Behar for</i>
LONG BEACH NAVAL SHIPYARD BY FORSTER DESIGN AGENCY TERMINAL ISLAND, CALIF.	19 January 1959	<i>R. A. Rourke for</i> DESIGN SUPERINTENDENT
SAN FRANCISCO NAVAL SHIPYARD BY MICHAEL J. RYAN S.F.	12 JANUARY 1962	<i>L. S. S.</i>
FOR THE LONG BEACH NAVAL SHIPYARD BY HARCO ENG TERMINAL ISLAND, CALIF.	12 APRIL 1965	<i>R. Hinkelstein</i> FOR DESIGN SUPT
FOR THE LONG BEACH NAVAL SHIPYARD BY: MEVA CORPORATION, LONG BEACH, CALIF.	30 AUGUST 1968	<i>W. J. S.</i>

NUMBER AND ORDER OF PLANS
1 COVER OR TITLE PAGE
2 DIMENSIONS & DATA
3 OUTBOARD PROFILE
4 INBOARD PROFILE
5 BRIDGES
6 SUPERSTRUCTURE DECK
7 UPPER DECK
8 MAIN DECK
9 2ND DECK
10 3RD DECK
11 1ST. PLATFORM
12 2ND. PLATFORM
13 HOLD
14 INNER BOTTOM
15 MIDSHIP & TYPE SECTIONS FWD
16 MIDSHIP & TYPE SECTIONS AFT

GENERAL INFORMATION

LENGTH BETWEEN PERPENDICULARS 520'-0"
 LENGTH, OVER ALL 529'-6"
 BREADTH, EXTREME, OUTSIDE OF PLATING 73'-4³/₁₆"
 DRAFT, ABOVE BOTTOM OF KEEL 23'-9"
 DRAFT, CORRESP'G. TO TRAIL DISPLACEMENT ABT. 20'-6¹/₈"

PROPELLERS

CENTER OF SCREWS FOR'D OF A.P. 36'-0"
 C OF STRUT BEARING FOR'D OF A.P. 42'-1⁷/₈"
 C OF RUDDER STOCK FOR'D OF A.P. 16'-0"

24" SEARCHLIGHT (2) ABOVE 23'-9" W.L. 56'-0⁵/₁₆"
 12" SIGNAL SEARCHLIGHT (PILOT HOUSE TOP) ABOVE 23'-9" W.L. 61'-8³/₄"
 BRIDGE DECK HEIGHT AT FR. 44 ABOVE B.L. 71'-7¹/₈"
 HOUSE TOP HEIGHT AT FR. 44 ABOVE B.L. 79'-7¹/₈"
 MIDSHIP DECKHOUSE AT FR. 72 ABOVE B.L. 63'-7¹/₈"
 CROW'S NEST HEIGHT ABOVE B.L. 118'-8¹/₂"

SMALL BOATS & RAFTS

No.	NAME	MEN	
		EACH	TOTAL
2	50' UTILITY BOAT	150	300
3	40' UTILITY BOAT	75	225
1	56' LCM (5 CREW)	5	5
2	35' MOTOR BOAT	27	54
4	26' MOTOR WHALEBOAT	22	88
69	RUBBER LIFE BOAT	15	1035
TOTAL			1707

FIRE PLUGS

LOCATION	No.	LOCATION	No.
BRIDGE DK.	1	2ND DK.	11
SUPER DK.	5	1ST PLAT.	1
UPPER DK.	8	2ND PLAT.	4
MAIN DK.	8	TOTAL	38

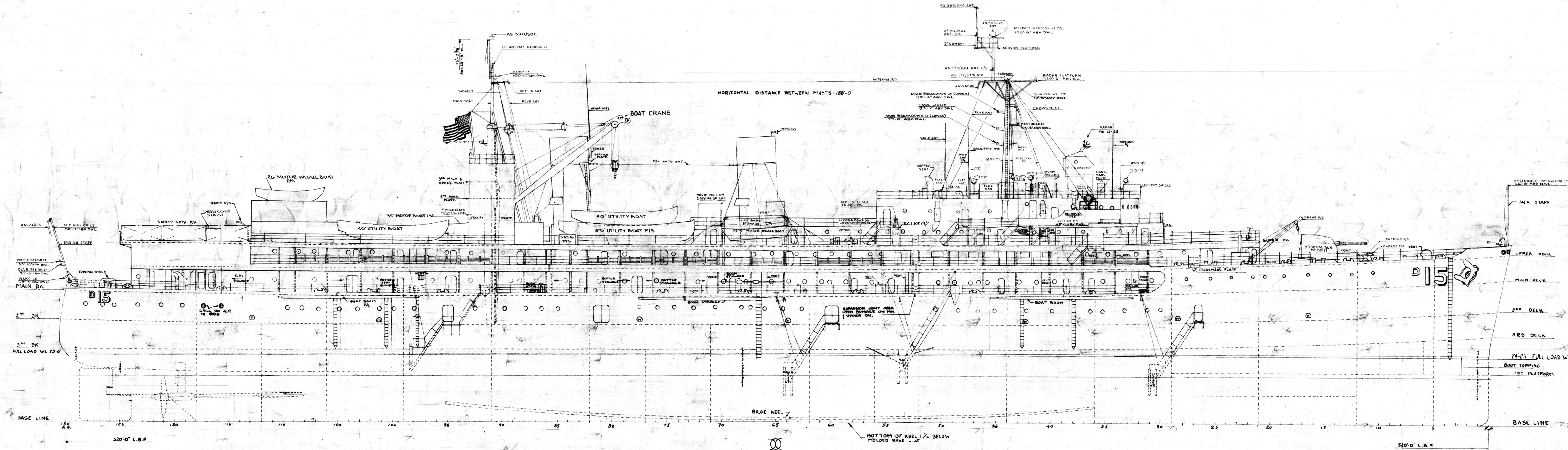
ACCOMMODATIONS

BEDS	4	LOCKERS	
OFFICERS	70	TRANSOM	214
C.P.O.	65	TYPE A	55
CREW	900	" B-1	855
		" B-2	
TOTAL	1039	TOTAL	1124

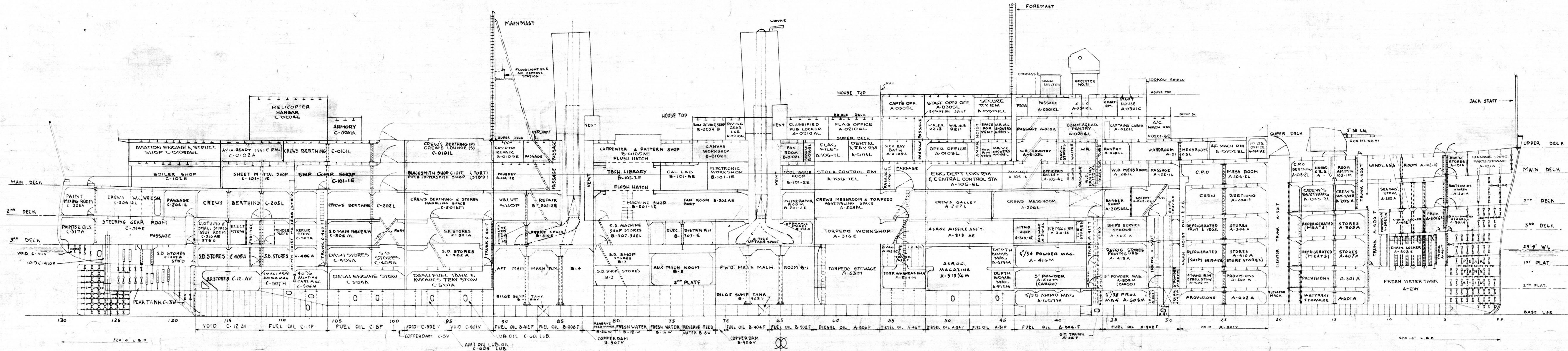
HEIGHTS ABV. 23'-9" DWL

FWD ANCHOR LIGHT	66'-8"
MASTHEAD LIGHT	83'-2"
SIDELIGHT	48'-0"
RANGE LIGHT	100'-10"
BLINKER LIGHT	111'-8"
M.O.B. & BREAKDOWN LIGHT (LOWER)	77'-0"
M.O.B. & BREAKDOWN LIGHT (UPPER)	89'-4"
TASK LIGHT	83'-2"
FWD SPEED & AIRCRAFT WARNING LIGHT	120'-6"
AFT SPEED & AIRCRAFT WARNING LIGHT	
AFT ANCHOR LIGHT	50'-7"
STERN LIGHT (WHITE)	33'-10"
STERN LIGHT (BLUE)	32'-5"
WAKE LIGHT	28'-3"

HORIZONTAL SEPARATION OF RANGE & MHD LTS 190'-0"
 VERTICAL DIFFERENCE BETWEEN RANGE & MHD LTS 17'-8"
 VERTICAL DIFFERENCE BETWEEN FWD, & AFT ANCHOR LT. 16'-1"



U.S.S. PRAIRIE-AD-15.
OUTBOARD PROFILE.
SCALE: 1/8" = 1 FOOT.
BU C&R N° 302088.

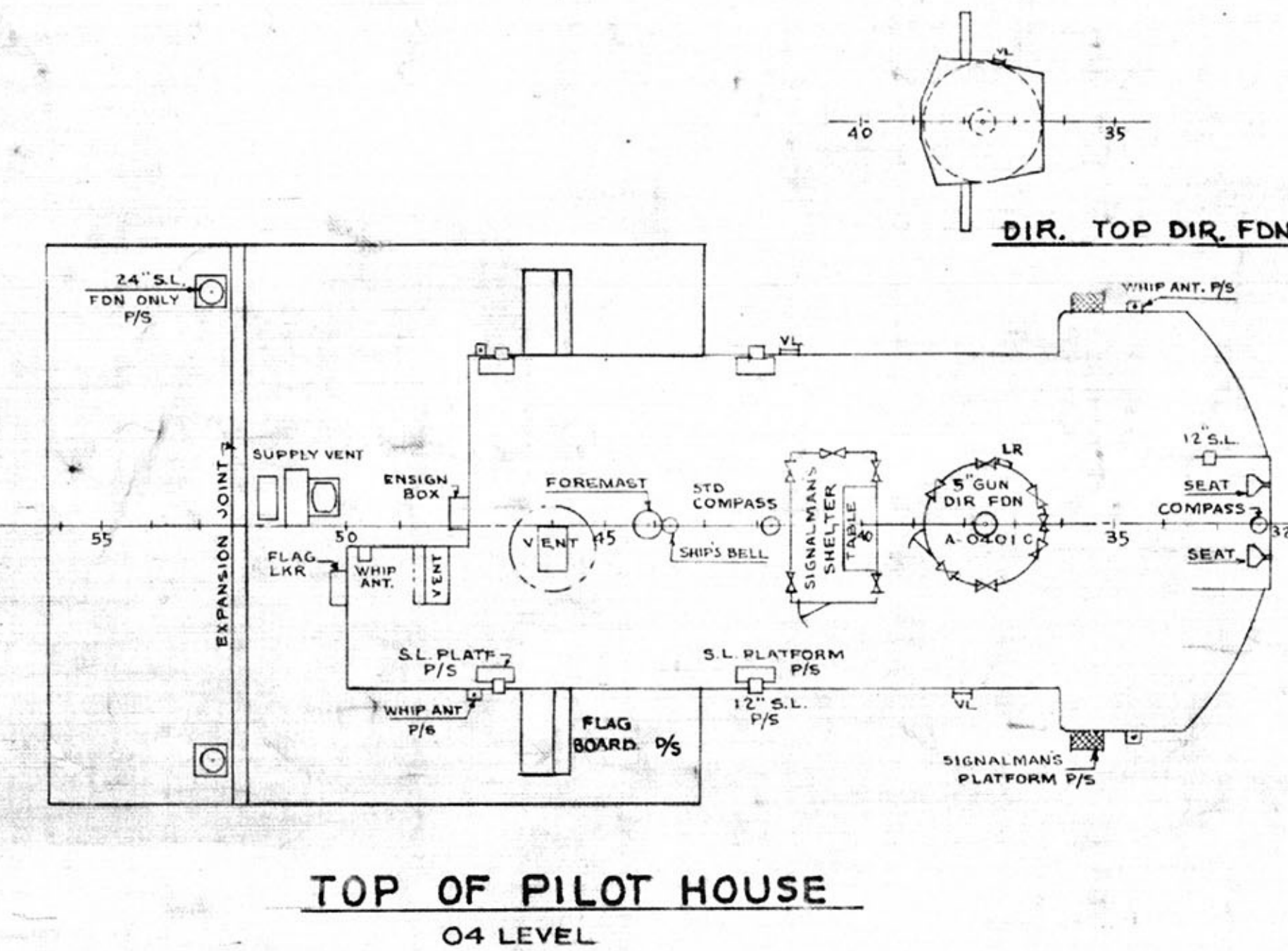


U.S.S. PRAIRIE-AD-15.

INBOARD PROFILE.

SCALE $\frac{1}{16}'' = 1 \text{ FOOT.}$

BU.C&R. N° 302088



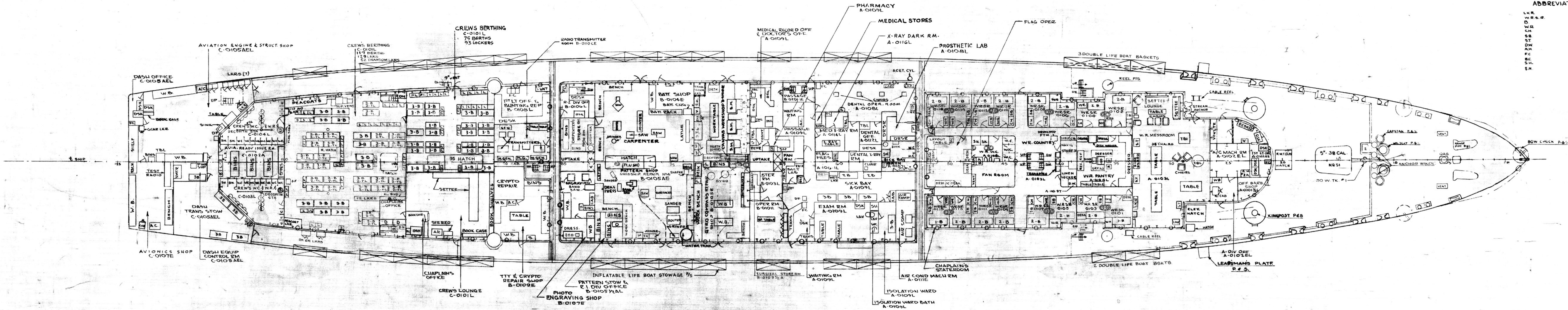
ABBREVIATIONS:

A.A.	ANTI-AIRCRAFT
W.C.	WATER CLOSET
GEN.	GENERATOR
F.C.	FILE CABINET
T.W.	TYPE WRITER
W.R.	WARDROBE
A.H.	AMMUNITION HOIST

BRIDGES.

0 4 8 12
SCALE $\frac{1}{16}'' = 1 \text{ FOOT}$

BU.C.&R. No.302088.



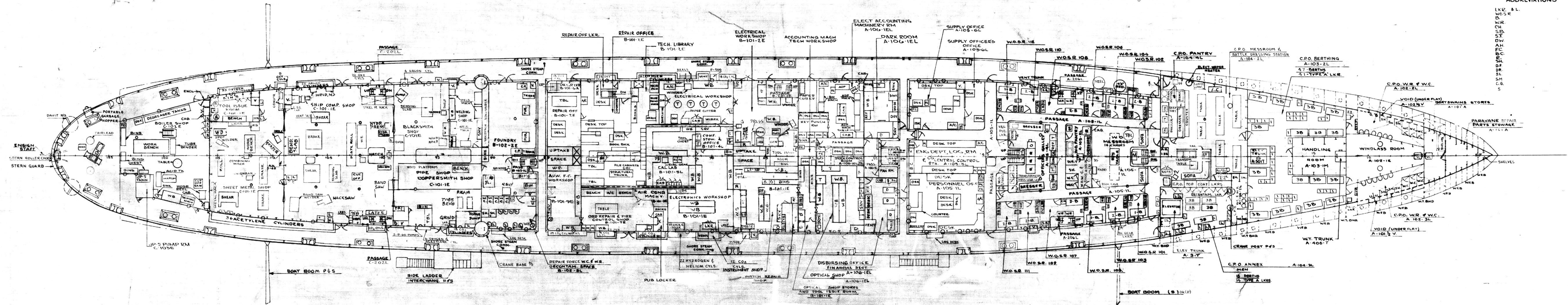
U.S.S. PRAIRIE-AD-15.

UPPER DECK.

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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SCALE $\frac{1}{16}'' = 1 \text{ FOOT.}$

C. & R. № 302088.

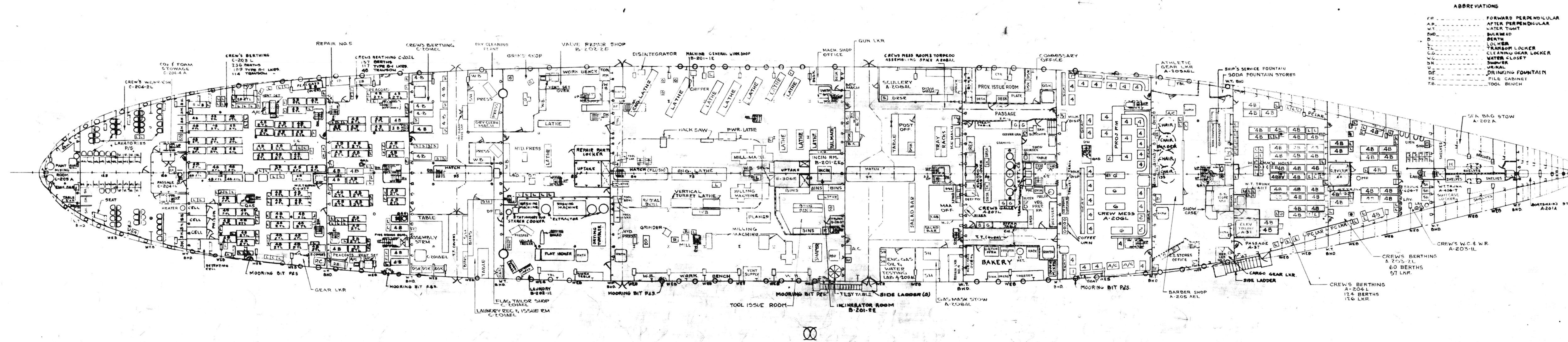


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MAIN DECK.

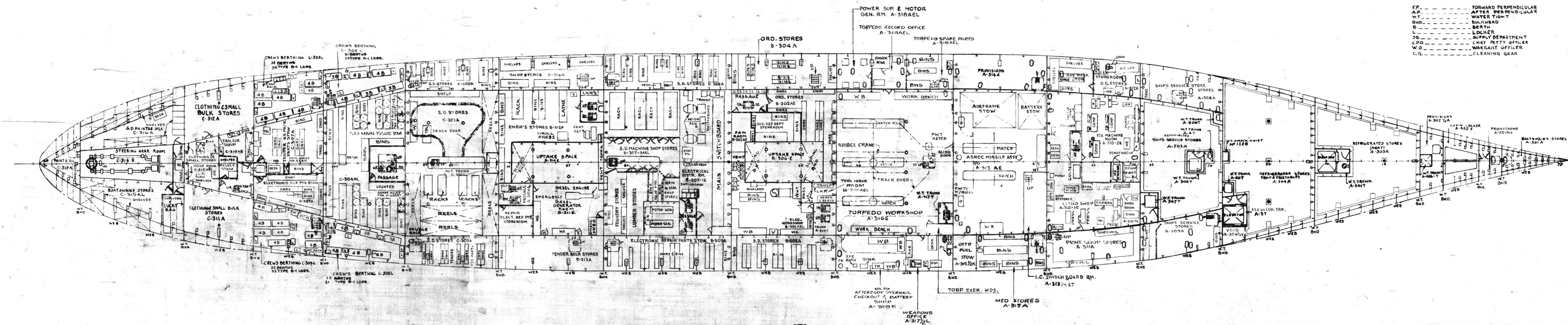
SCALE $\frac{1''}{16} = 1 \text{ FOOT.}$

C. & R. No. 302088.

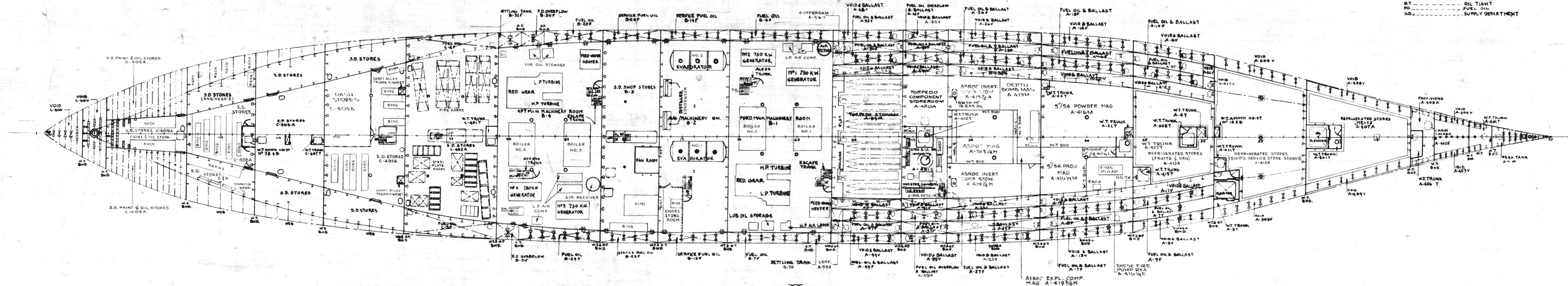


ABBREVIATIONS

FR	FORWARD PERPENDICULAR
AP	AFTER PERPENDICULAR
W.T.	WATER TIGHT
BHD	BULKHEAD
D	DECK
TL	TRANSOM LOCKER
C.G.	CLEANING GEAR LOCKER
W.C.	WATER CLOSET
SH	SHOWER
U	URINAL
DF	DRINKING FOUNTAIN
FC	FILE CABINET
T.B.	TOOL BENCH



U.S.S. PRAIRIE-AD-15.



ABBREVIATIONS

P.P.	-----	FORWARD PERPENDICULAR
A.P.	-----	AFTER PERPENDICULAR
B.H.	-----	BULK HEAD
W.T.	-----	WATER TIGHT
O.T.	-----	OIL TIGHT
F.O.	-----	FUEL OIL
S.D.	-----	SUPPLY DEPARTMENT

U.S.S. PRAIRIE-AD-15

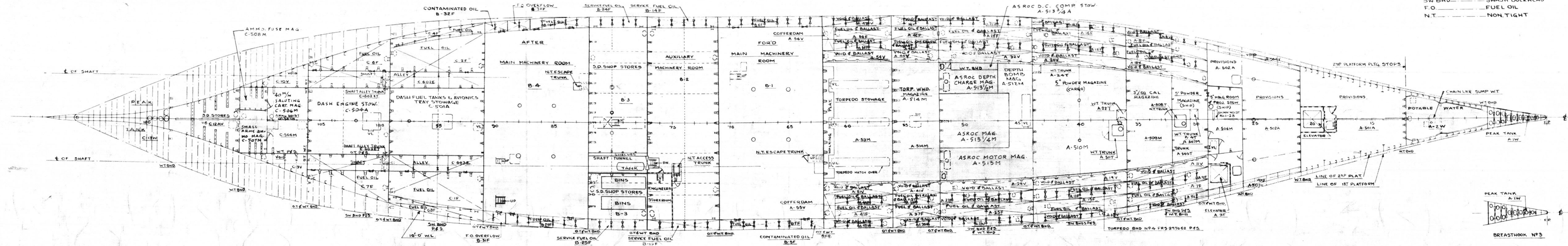
1st PLATFORM.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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A horizontal number line with tick marks at 0, 4, 8, and 12.

SCALE 1/16" = 1'-0"

BU.C. & R.N. 302088



- ABBREVIATIONS
- WT — WATER TIGHT
 - NWT — NON WATER TIGHT
 - OT — OIL TIGHT
 - BHD. — BULKHEAD
 - SW BHD. — SWASH BULKHEAD
 - F.O. — FUEL OIL
 - N.T. — NON TIGHT

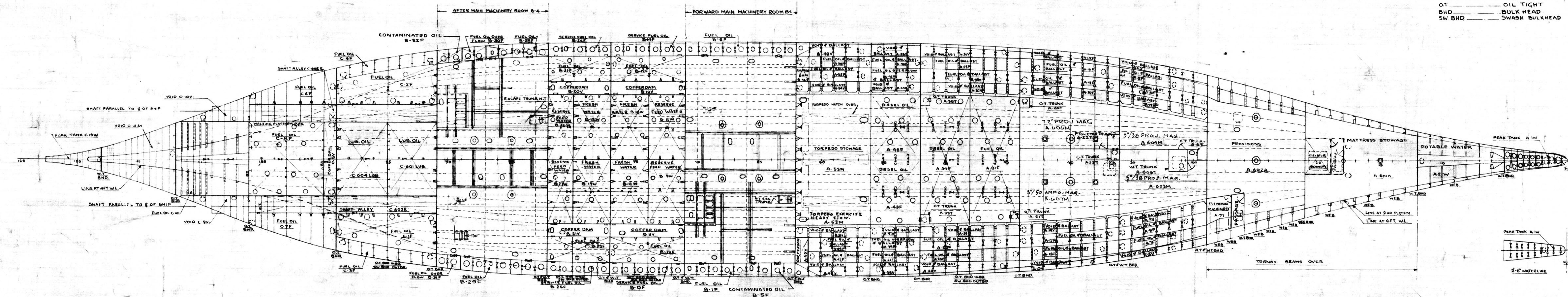
U.S.S. PRAIRIE-AD-15.

2ND PLATFORM.

SCALE: 1/16" = 1 FOOT.

CFR 302088.

ABBREVIATIONS
 W.T. _____ WATER TIGHT
 N.W.T. _____ NON WATER TIGHT
 O.T. _____ OIL TIGHT
 BHD _____ BULK HEAD
 SW. BHD _____ SWASH BULK HEAD



U.S.S. PRAIRIE-AD-15.

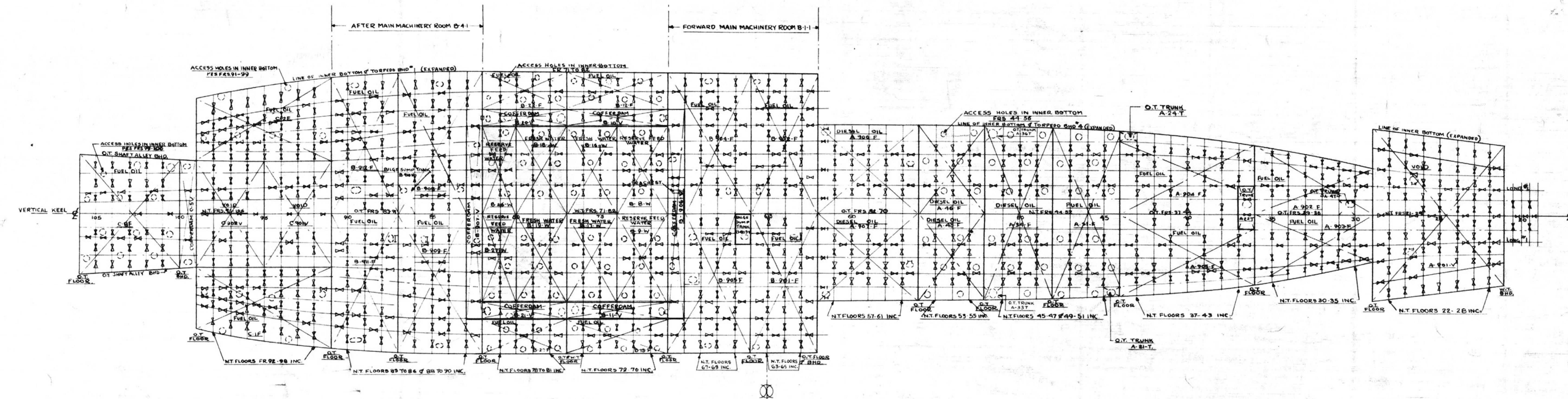
HOLD.

SCALE: 1/16" = 1 FOOT.

C. & R. NO 302088.

ABBREVIATIONS

W.T. ——— WATER TIGHT
 N.W.T. ——— NON WATER TIGHT
 O.T. ——— OIL TIGHT
 BHD. ——— BULKHEAD
 SW.BHD. ——— SWASH BULKHEAD



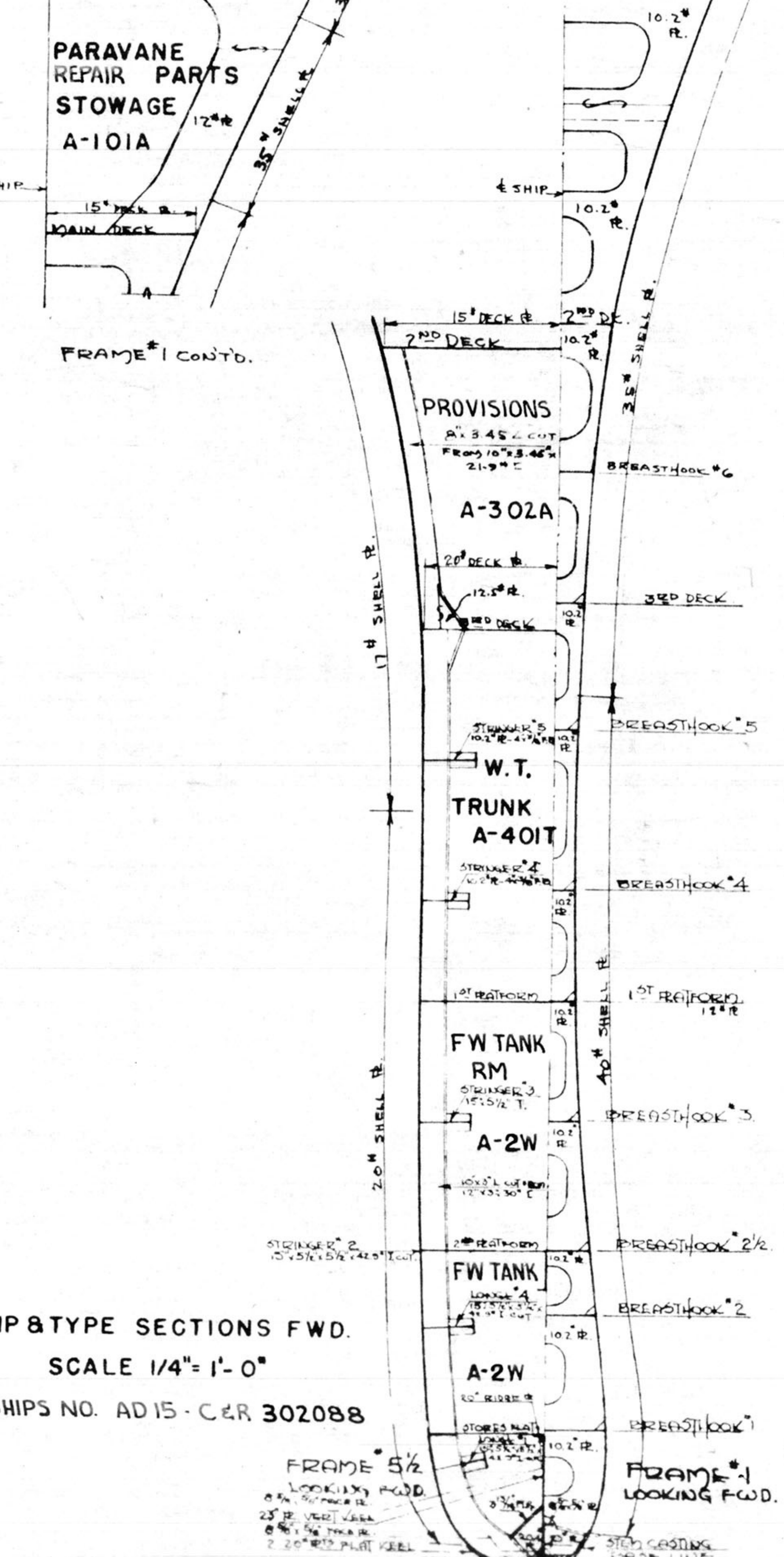
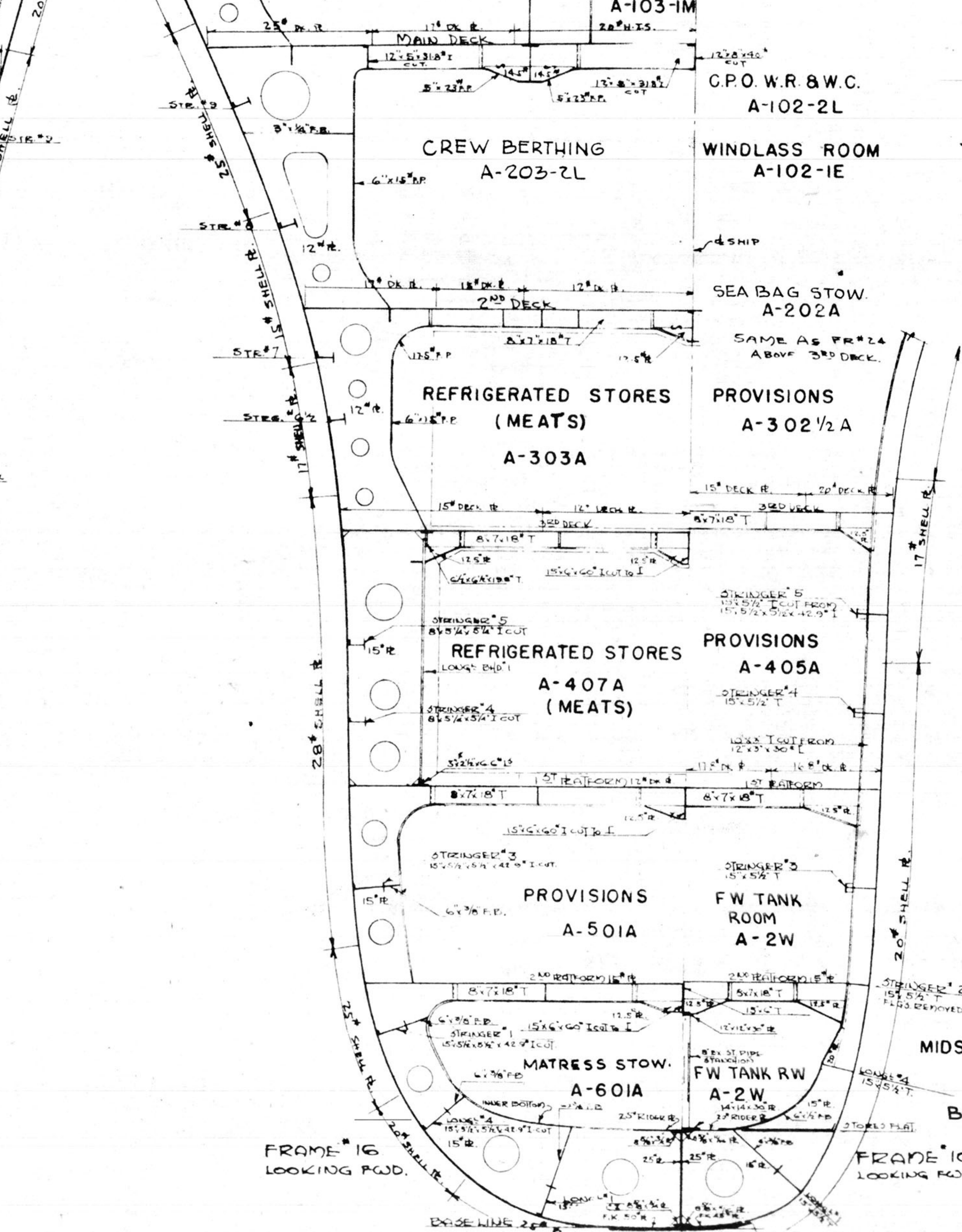
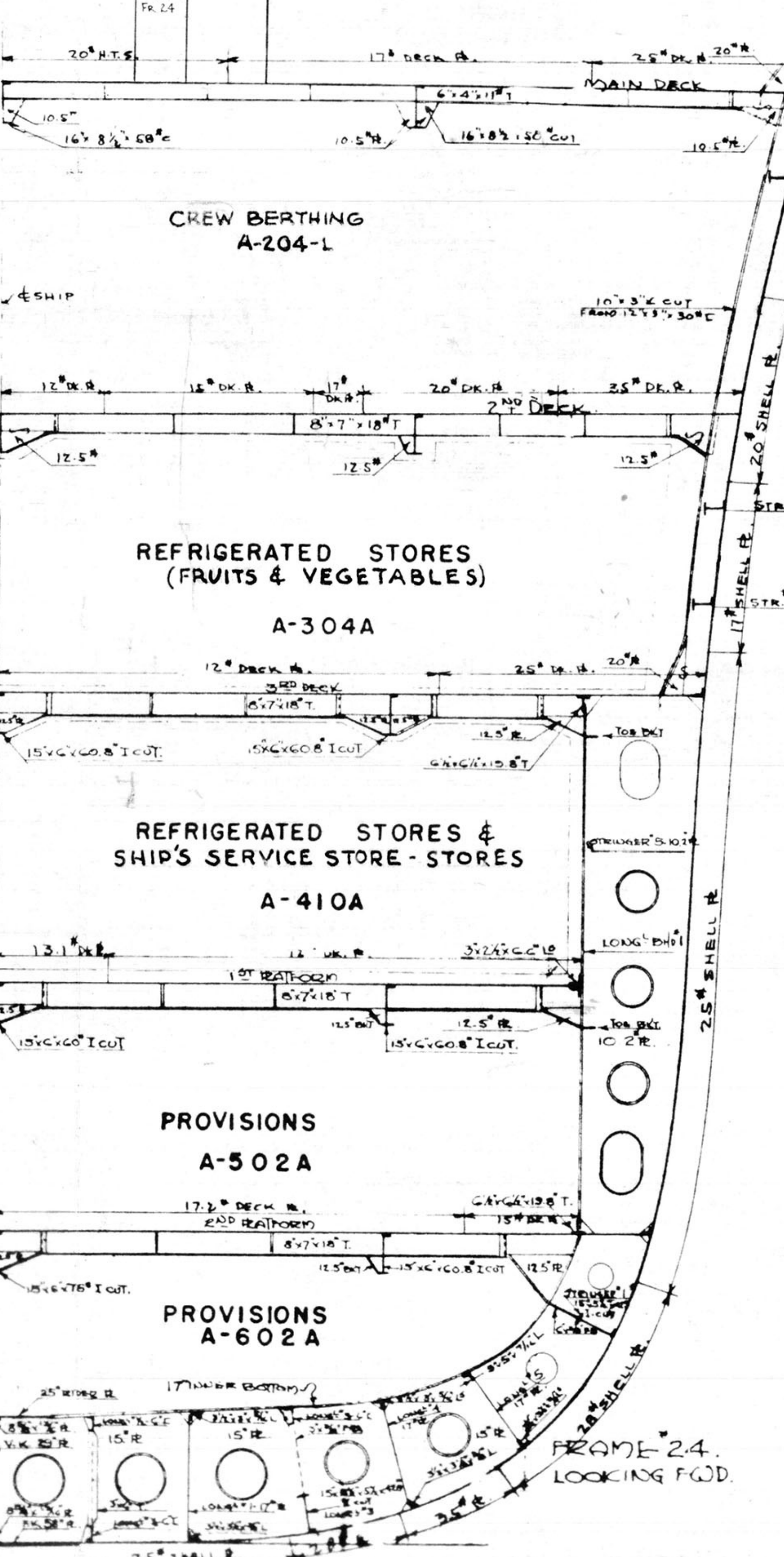
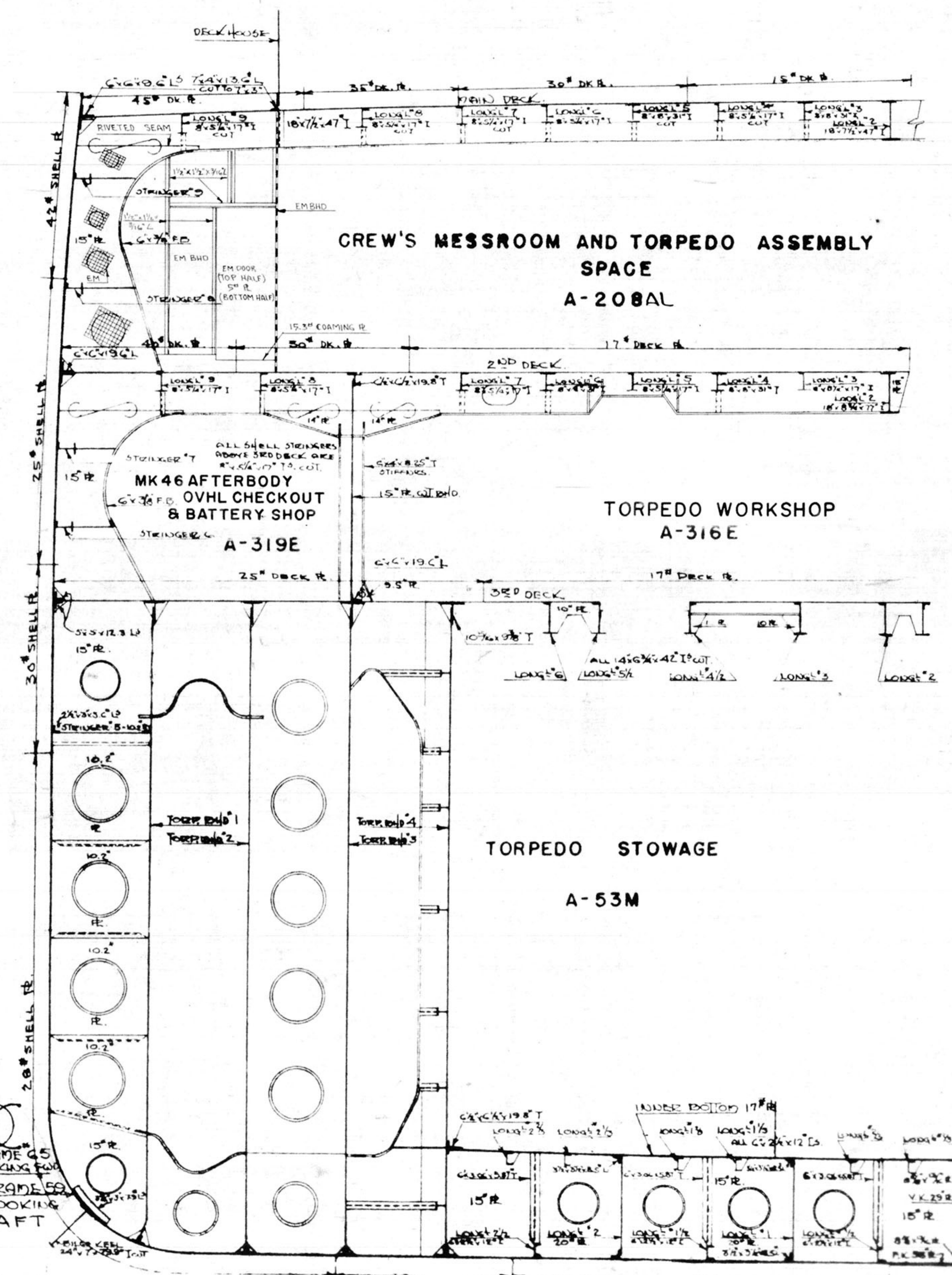
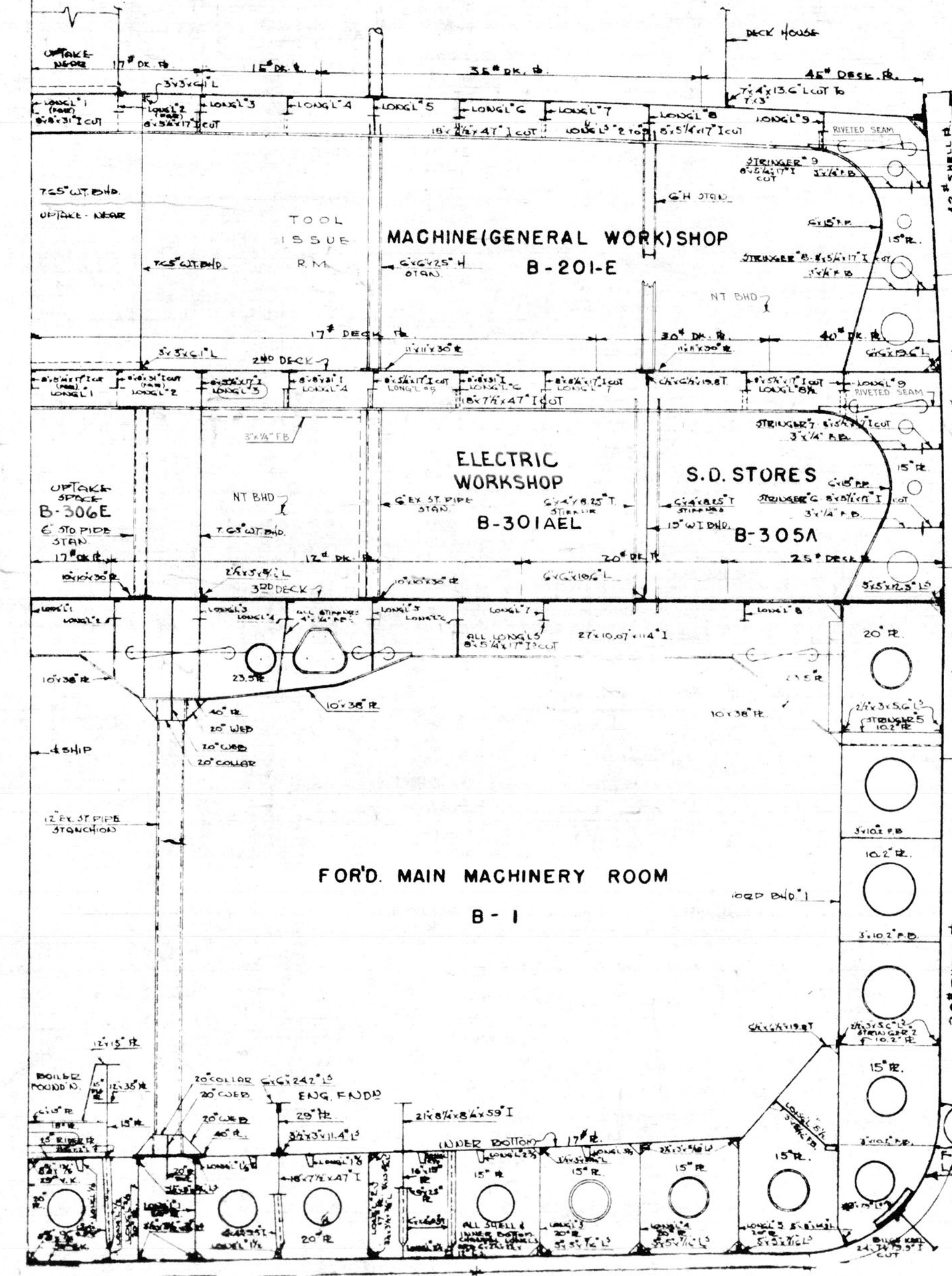
U.S.S. PRAIRIE AD-15.

INNER BOTTOM.

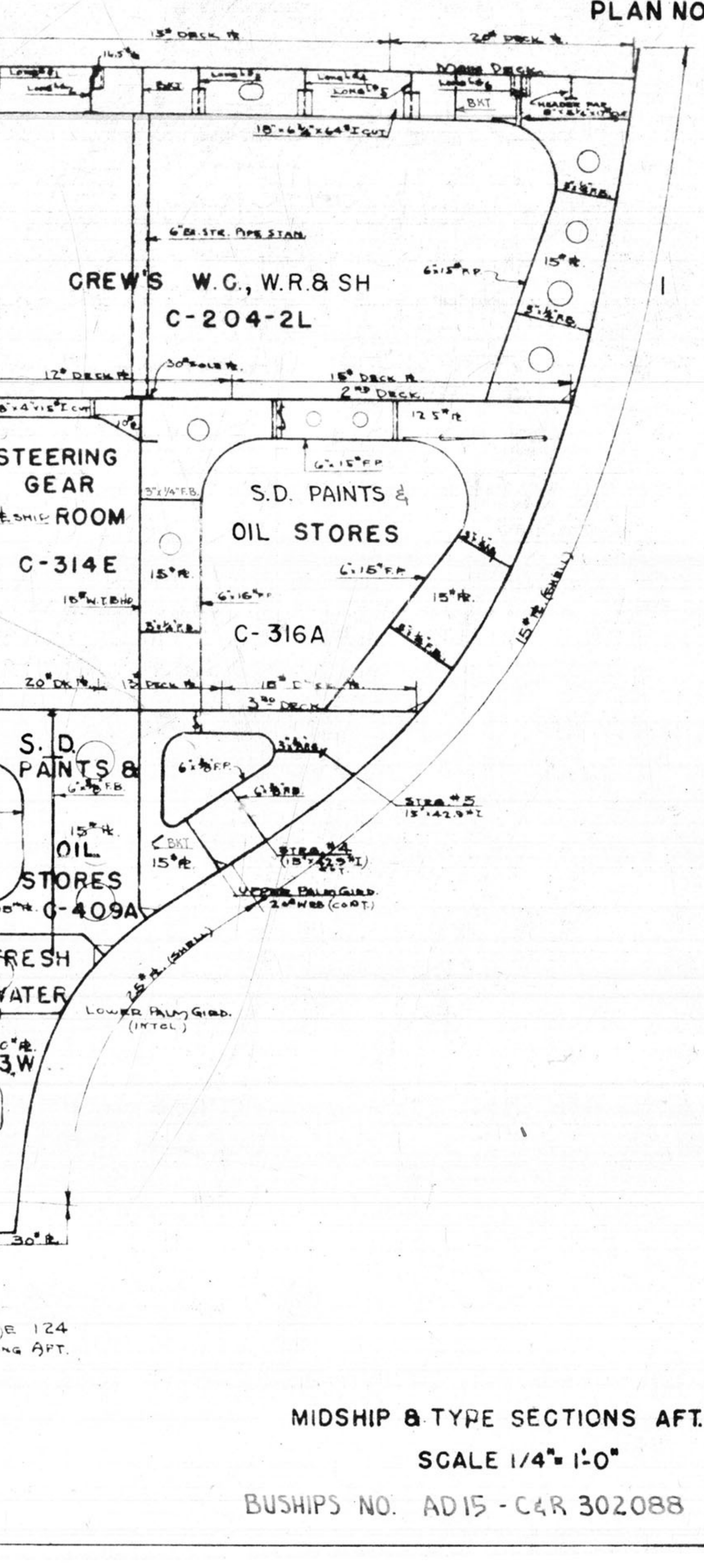
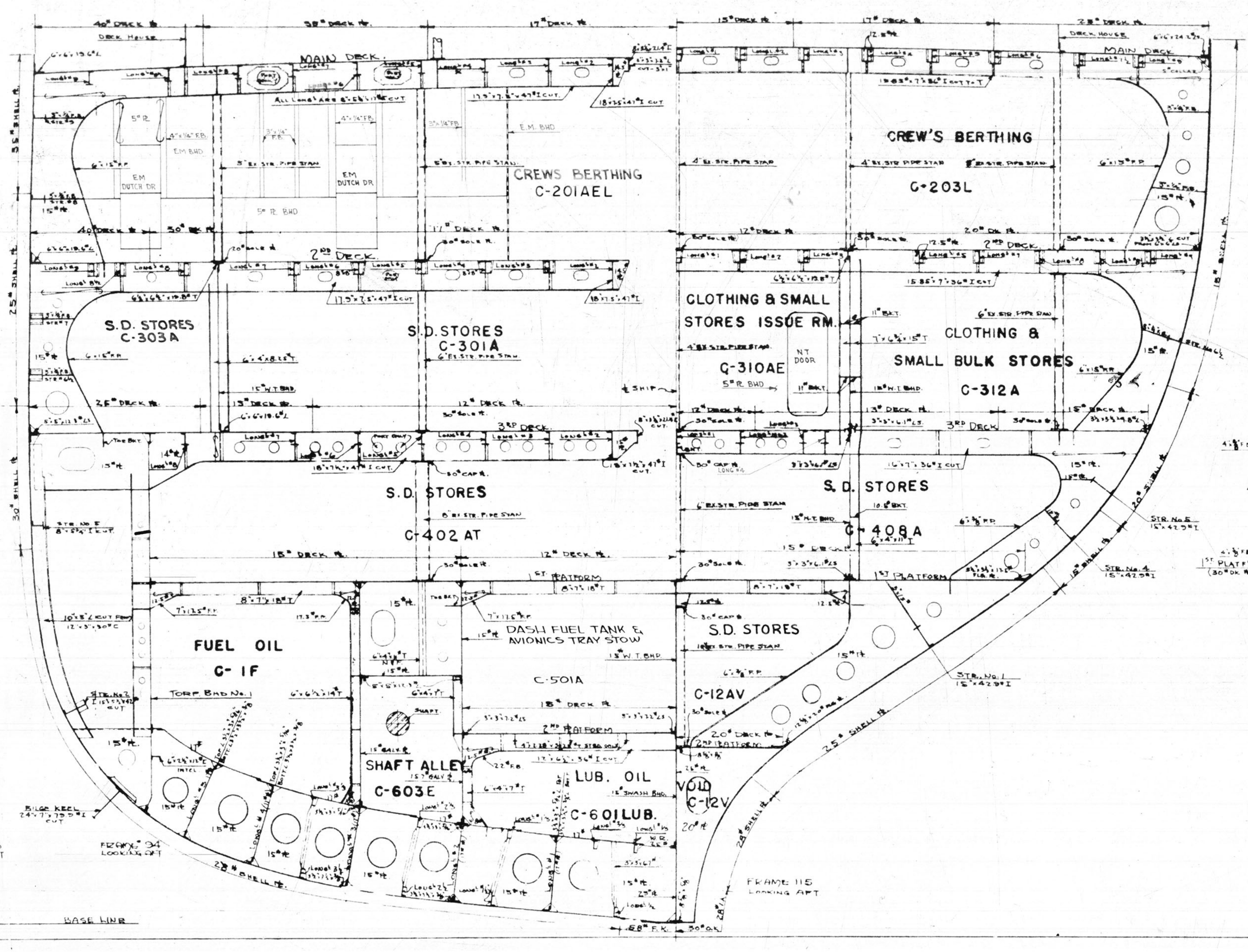
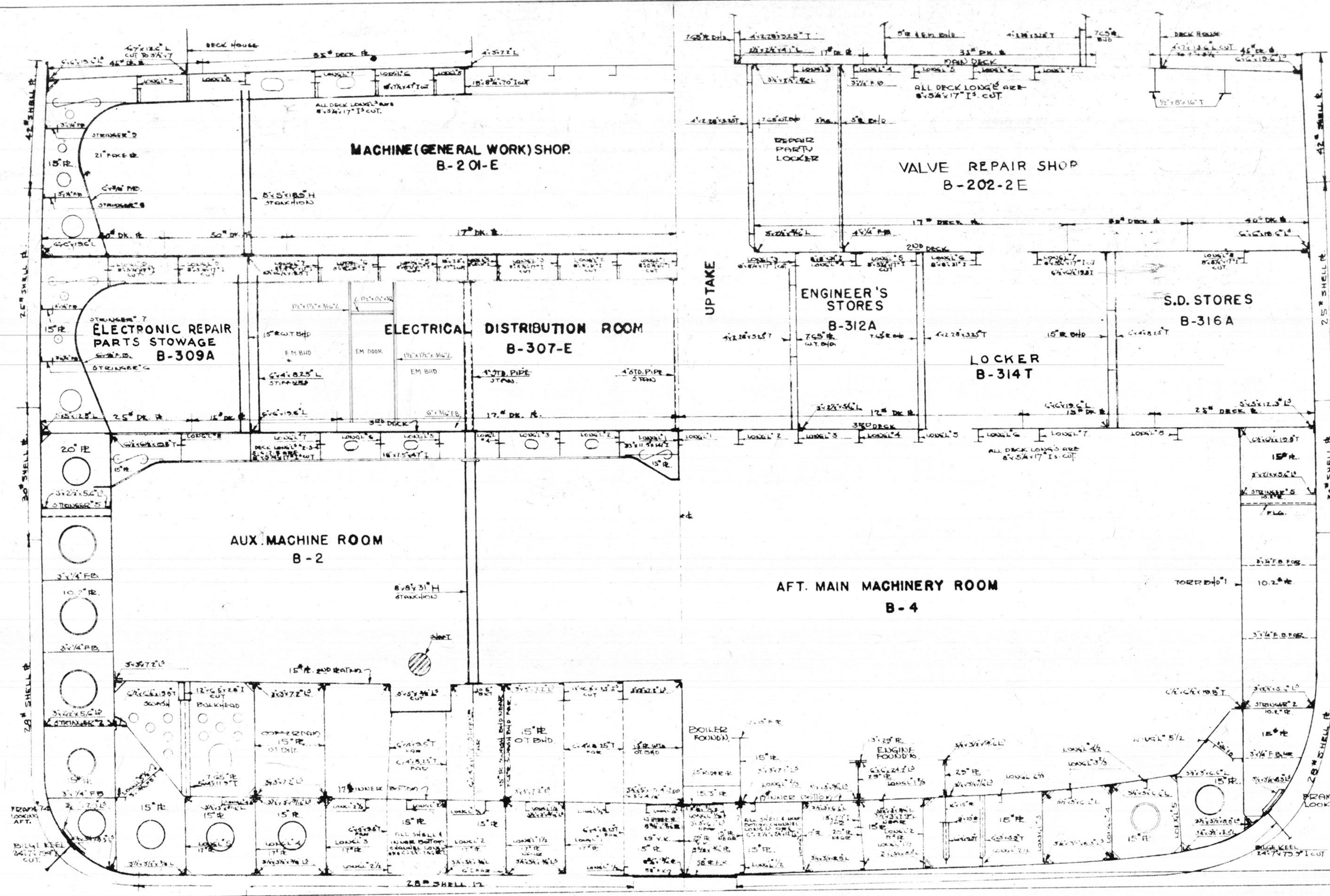
0 4 8 12

SCALE 1/8" = 1 FOOT.

C.R. NO 302088.



MIDSHIP 8 TYPE SECTIONS FWD.
SCALE 1/4" = 1'-0"
BUSHIPS NO. AD 15-C&R 302088



MIDSHIP & TYPE SECTIONS AFT.
SCALE 1/4" = 1'-0"
BUSHIPS NO. AD15-C4R 302088